

Donkey anti-Rat IgG (H+L) Cross-Adsorbed Secondary Antibody, DyLight™ 594

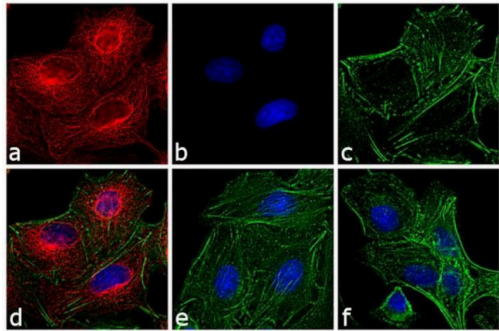
Product Details	
Size	500 µg
Species Reactivity	Rat
Host/Isotype	Donkey / IgG
Class	Polyclonal
Type	Secondary Antibody
Conjugate	DyLight™ 594
Excitation/Emission Max	587/614 nm
Immunogen	Rat IgG-heavy and light chain
Form	Liquid
Concentration	0.5 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 6.8 to 7.4, with 0.2% BSA
Contains	0.09% sodium azide
Storage conditions	4° C
RRID	AB_2556608

Applications	Tested Dilution	Publications
Western Blot (WB)	1:5,000-1:20,000	-
Immunohistochemistry (IHC)	1:50-1:2,000	-
Immunocytochemistry (ICC/IF)	1:50-1:500	-
Flow Cytometry (Flow)	1:50-1:200	-
Immunoprecipitation (IP)	Assay-dependent	-

Product Specific Information

This antibody is cross-adsorbed and exhibits minimum reactivity to bovine, chicken, goat, human, mouse, rabbit and sheep.

Product Images For Donkey anti-Rat IgG (H+L) Cross-Adsorbed Secondary Antibody, DyLight™ 594



Rat IgG (H+L) Cross-Adsorbed Secondary Antibody (SA5-10028) in ICC/IF
Immunofluorescence analysis of Donkey anti-Rat IgG (H+L) Cross Adsorbed Secondary Antibody, DyLight 594 conjugate was performed using A549 cells stained with alpha Tubulin (YL1/2) Rat Monoclonal Antibody (Product # MA1-80017). The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 10 minutes, blocked with 1% BSA for 1 hour and labeled with 2µg/mL Rat primary antibody for 3 hours at room temperature. Donkey anti-Rat IgG (H+L) Cross Adsorbed Secondary Antibody, DyLight 594 conjugate (Product # SA5-10028) was used at a concentration of 1µg/mL in phosphate buffered saline containing 0.2 % BSA for 45 minutes at room temperature, for detection of alpha Tubulin in the cytoplasm (Panel a: red). Nuclei (Panel b: blue) were stained with DAPI in SlowFade® Gold Antifade Mountant (Product # S36938). F-actin was stained with Alexa Fluor® 488 Phalloidin (Product # A12379), 1:300 (Panel c: green). Panel d represents the composite image. No nonspecific staining was observed with the secondary antibody alone (panel f), or with an isotype control (panel e). The images were captured at 60X magnification.

7 References

Three-Dimensional Imaging of Macrophages in Complete Organs. *Methods Mol Biol* (2023)

Active APPL1 sequestration by Plasmodium favors liver-stage development. *Cell Rep* (2022)

An In Vivo CRISPR Screen Identifies Stepwise Genetic Dependencies of Metastatic Progression. *Cancer Res* (2022)

Endothelial and systemic upregulation of miR-34a-5p fine-tunes senescence in progeria. *Aging (Albany NY)* (2022)

FAM3D is essential for colon homeostasis and host defense against inflammation associated carcinogenesis. *Nat Commun* (2020)

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